

# Bowling Green Business University

## BOWLING GREEN, KENTUCKY.

The students who went to positions in July and August will earn \$60,000 in their first year after leaving school, and this is almost \$50,000 more than they ever made in any other one year. In other words, by taking a business course they multiplied their earning-power by six. A course in Bookkeeping, Shorthand, Stenotypy, Telegraphy, Railroad Accounting, English, Penmanship or Typewriting can be completed in a few months.

Write the School for Its Catalogs, Bankers Books, Rate-Sheets, Photographs and Other Information.

### WILD WIND ANTICS

The Havoc That May Come When a Tornado Breaks Loose.

#### STORMS PLAY QUEER PRANKS

Houses Have Been Carried Bodily Into the Air and Exploded, and Half a Building Has Been Swept Away, While the Rest Remained Unharmed.

The weather bureau at Washington has been collecting statistics and facts about cyclones and tornadoes for many years, and the experts have succeeded in securing considerable valuable data about the big winds; but, after all, the freaks of the storm are the things that give it special interest, and if all these were properly classified some remarkable reading would be furnished. Every visitation of a tornado adds to this valuable storehouse of queer freaks.

It is not uncommon for the whirling wind to cut a house in half, demolishing one side and leaving the other undisturbed. This happened in an Iowa tornado, and the part that was left intact was so little disturbed that the clock on the mantel continued ticking, as if nothing had happened.

In the Texas town of Sherman, which was visited by a tornado in 1934, two houses were picked up and carried into the air, where they exploded. Every one in them was severely injured except a baby, which did not receive so much as a scratch. A man milking a cow in a shed saw the cow and shed carried up in the air, but he was not so much as touched. Not a drop of the milk in his pail was spilled or disturbed.

In the St. Louis tornado of the same year a carpet in the parlor of one house was pulled up by the twister and carried away a few hundred yards without so much as a rent being torn in it. The facts had been pulled up as neatly as if extracted by a careful carpet layer.

In another house the bedclothing and mattress were lifted from the bed, and the bedstead was left intact. A resident was carried through the roof of another house with the bed and dropped a quarter of a mile away without injury. The mattress saved him in the fall, and he picked himself up in a vacant lot to dress without knowing exactly what had happened to him.

The "twisters" have been known to pull walls out of shingles and then go on to pick up a chimney bodily and carry it through the air. In Kansas one picked up a buggy and landed it in the branches of a tree. At another time it ripped the harness completely off a horse and left horse, buggy and man unharmed. In Louisville, in 1890, a tornado carried the roof off a house and pulled a child from the mother's arms and carried it safely to another house six blocks away.

But these are merely among the harmless freaks of the big wind. There are others more heartrending. It has dismembered human beings, tearing arms and legs from the body, and twisted the hair of women into ropes. In Kansas it drove a piece of scuffling six inches square through the body of a hog. At another time it blew in the door of a farmer's house and carried the owner away on the door, to drop him in the branches of a tree. The tornado did not hurt him, but he broke his neck falling from the tree to the ground.

No one has succeeded in measuring the full force of a tornado, but it is known to travel at the rate of 200 miles and more an hour.

Tornadoes are exciting more general attention than formerly because of the greater number of towns and villages located in the tornado belt. Each successive one is more dangerous than its predecessors because it is apt to find more human material to destroy. Formerly it might travel half the length of a continent without finding anything in its path to destroy except grass, trees and occasionally the crops of a solitary farmer. Today, if it followed the same route, it might pass over a dozen villages and towns.

The only thing that can possibly break the force of a tornado is a range of mountains. It may create wild havoc among the trees and bowlders of a mountain, but it cannot carry the mountain itself away. It will uproot giant forest trees, suck the water from wells and streams, twist and demolish iron bridges and carry up houses, but the mountains are proof against the

mighty force of the wind. Until we know how to control the tornado or find some means of baffling it, its menacing danger must always be a source of considerable uneasiness in the great plain sections of the country. But, like earthquakes, the tornado and cyclone do not come every year, and sometimes they defer their visit for a decade or so, for which we may be thankful.—George E. Walsh in Harper's Weekly.

**The Pleasure of Raising Whiskers.**  
The enthusiasm of those engaged in the cultivation of whiskers is inspiring. A man with a full beard may in a lucid moment shave it off. But watch him closely. Within ten days he will show signs of returning to his old life almost as certainly as a murderer will return to the scene of his crime.—American Magazine.

**Didn't Get a Chance.**  
"Did your son who went to the city to make his fortune deliver the goods?"  
"No. He was caught with them before he had a chance."—Houston Post.

Doing well depends upon doing completely.—Persian Proverb.

State of Ohio, City of Toledo, )  
Lucas County, ) ss.  
Frank J. Cheney makes oath that he is senior partner of the firm of F. J. Cheney & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of One Hundred Dollars for each and every case of Catarrh that cannot be cured by the use of Hall's Catarrh Cure.

FRANK J. CHENEY.  
Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1886.

A. W. GLEASON,  
Notary Public.  
Hall's Catarrh Cure is taken internally, and acts directly on the blood and mucous surfaces of the system. Send for testimonials free. F. J. CHENEY & CO., Toledo, O. Sold by all Druggists, 75c. Take Hall's Family Pills for constipation.

**Soaking the Clothes.**  
Mrs. Browning had a new domestic named Agnes.  
"Agnes," said the mistress, "did you put the clothes in soak?"  
"Oh did not," answered the girl.  
"Did you want me to, mummy?"  
"Why, certainly," was the reply.  
"Very well, mummy," said Agnes.  
About two hours later Agnes presented herself to her mistress.  
"Oh, hee put them clothes in soak, mummy," she said, "but the pawnbroker and give me only chew dollars on the whole outfit. Here be th' money, an' it's sorry Oh am that ye be so hard up."—Harper's Magazine.

**"Sapsy."**  
"At Liverpool street station, London," said an American, "I asked a booking clerk whether he could tell me where Sapsyworth was. His answer was that he had never heard of such a place. 'But,' I urged, 'is not that the way the country people pronounce Sawbridge-woth?' 'No, indeed,' he laughingly replied. 'They call it Sapsy.'"

**Kipling's Response.**  
The Cantab, the Cambridge university weekly, once asked Rudyard Kipling to contribute to its columns. In response came the following reply:  
There once was a writer who wrote,  
"Dear Sir:—In reply to your note of yesterday's date,  
I am sorry to state  
It's no good at the prices you quote."

**Gymnastic Stunt.**  
Barbour—You seem warm. Have you been exercising? Waterman—Yes, indeed. I went to the mimes' dance and swung dumb bells around all evening.—Michigan Gargoyle.

**Meteorological.**  
Wallie—When I called on Zella last eve she acted toward me like a weather forecast. Wallie—How was that? Wallie—Fair and very cool.—Kansas City Star.

Quit Calomel. It is dangerous. Try Grigsby's Liv-Ver-Lax, that vegetable liver syrup guaranteed to produce even better results than calomel. It is absolutely harmless and pleasant to take. Any child can take it with safety. Ask J. H. Williams, Hartford, Ky. 102y

### PERFECT SPHERES

With All His Scientific Skill Man Cannot Produce Them.

#### THE CURVING OF A BASEBALL.

It is Possible Only Because the Ball is an Imperfect Globe and in Comparison With Its Size Much Rougher Than the Surface of the Earth.

The real reason why a baseball can be thrown so that it will describe wonderful curves during its progress through the air is that every such ball has a surface made up of mountains, valleys, craters, canyons, gorges, plains and other irregularities of the surface that, when the difference in size is taken into consideration, makes the surface of the earth seem like plate glass.

If it were possible to make a perfect sphere—if it were possible to make a baseball with an absolutely smooth surface and an exact sphere—no pitcher in the world could make it curve. The very best pitchers baseball has ever known or probably ever will know could not make the ball deviate a hair's breadth in its flight.

And so while it is partly in the art or knack the professional pitcher has in holding and releasing the baseball as he throws it, it is also due to the fact that a baseball has a wonderfully rough surface against which the air catches and turns it that gives it the curve.

If you pass your hand over a plate glass it moves smoothly with nothing to retard it. If you pass your hand over an unplanned board you can feel the roughness—splinters we call them. You cannot move your hand as easily over the board. This is the same principle with the baseball. There is a roughness in its surface that catches in the air and forces one side about or retards that side. This has but one result—to make the baseball leave its straight course, and in doing this it describes a curve.

This does not detract in the least from the cleverness of the pitcher who can so accurately judge his muscular control as to make a baseball curve up or down, right or left. But the fact remains that it is the roughness of the baseball that makes all his pitching cleverness possible.

Take a brand new league ball in your hand. It looks to be a perfect sphere—that is, absolutely even and uniformly round and as "smooth as glass." And it may be as smooth as glass, for glass also has a rough surface.

Put a baseball under the most powerful microscope, enlarge it microscopically 10,000 diameters, and what do you see? The very thing mentioned in the first paragraph of this article. The surface is rough. It looks like the landscape in the Alps or Yellowstone park or any other rough section of the earth. It has peaks, ranges, ridges, valleys, plains and holes, gulches and all sorts of uneven places, and if the earth could be made as small as a baseball it would be practically a perfect sphere and absolutely smooth. This is because the highest mountains of the earth and the deepest valleys would be millions upon millions of times smaller in comparison with the rough uneven places on a baseball if either the earth were reduced to the size of a baseball or a baseball enlarged to the size of the earth.

If this were not true the earth would not revolve so regularly upon its axis. It would perform an "in shoot" or "out shoot" and curve off through space.

Even the billiard ball has a surface much rougher in comparison to its size than the surface of the earth, and we refer to a billiard ball as about the smoothest thing known. "As smooth as a billiard ball" is a well known simile. For the same reason that a perfectly smooth baseball could not be curved, a perfectly smooth and perfectly round billiard ball could not be made to curve on the table. It would not take "English," as billiard players call it when they make a ball go forward and then roll backward or in any direction just by the manner in which they strike it with a chalked cue.

This fact of roughness causing it to spin becomes all too evident when a player forgets to chalk his cue and plays several shots thereafter. If the leather tip of the cue becomes shiny

it will slip on the ball. There is no purchase with which it can take hold. But chalk is sticky stuff, and the granules are large, so that a well chalked cue has a very rough surface, and this rough surface of the tip of the cue fits into the rough projections on the ball, and thereby a ball can be given a lot of twist. In order to accomplish this successfully, moreover, the billiard cloth nap must be new and therefore rough.

During recent experimentation with regard to the kinetic theory of gases a Belgian scientist desired to find out how perfect a sphere could be made in order that by the clashing of these together an idea might be secured of the effect of the collisions of the spherical atoms that make up a gas. The project had to be abandoned at last because no machinery could be constructed that would turn out a perfect sphere artificially, and nature has no perfect sphere of large size in all her many forms of matter. Perfect disks could be made, but a round ball was beyond the limits of human accomplishment.—New York American.

The greatest pleasure is the power to give it.

#### Wonderful Cough Remedy.

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#### Forest Notes.

The forest products laboratory at Madison, Wisconsin, has made 4,000 tests on the strength of American woods.

The gathering and selling of acorns is a new industry, in Arkansas, to supply eastern nursery firms with material for forest planting.

Thirty different wood preservatives are in commercial use in the United States; many of them utilize cresote of one sort or another; others require chemical salts.

Last year the forest service distributed 116,000 basket willow cuttings; 15,000 to forest schools, 20,000 to agricultural experiment stations, and 81,000 to individuals.

More than 800,000 horsepower has been developed from streams on national forests under government regulation. This represents the output under conditions of lowest streamflow.

Florida bottomwood, a tree confined largely to the keys along the south coast, is very highly prized for use in cooking on ship's galleys. It burns slowly with an even heat and makes but little smoke or ash.

Grigsby's Liv-Ver-Lax, that delicious liver syrup, has displaced calomel in nearly every home. Good for grown-ups and children alike. Ask J. H. Williams, Hartford, Ky. 102y

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## Collier's

The National Weekly

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